



(unnamed)

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Gemology Online Faceting Design Competition 2014

Cutthroat Entry 2

Angles for R.I. = 1.720

49 + 16 girdles = 65 facets

2-fold, mirror-image symmetry

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$L/W = 1.515$ $T/W = 0.635$ $U/W = 0.419$

$P/W = 0.530$ $C/W = 0.148$

$Vol./W^3 = 0.338$

PAVILION

P1	47.67°	04-44-52-92	Cut to centerpoint.
P2	46.87°	06-42-54-90	Meet at culet.
P3	43.00°	10-38-58-86	Meet at culet.
P4	37.15°	18-30-66-78	Meet at culet.
G1	90.00°	04-44-52-92	Set stone width.
G2	90.00°	06-42-54-90	Level girdle.
G3	90.00°	10-38-58-86	Level girdle.
G4	90.00°	18-30-66-78	Level girdle.

CROWN

C1	36.19°	04-44-52-92	Set girdle width.
C3	31.86°	10-38-58-86	Level girdle
C2	35.43°	06-42-54-90	Level girdle.
C4	26.79°	18.0-30.0- 66.0-78.0	Level girdle.
C5	27.05°	96-48	Meet G1, C1
C6	29.05°	08-40-56-88	Meet G2, G3, C2, C3; C1, C2, C5
C7	18.63°	24-72	Meet G4, C4; C3, C4, C6
C8	19.80°	04-44-52-92	Meet C1, C2, C5, C6
C9	15.18°	14-34-62-82	Meet C3, C4, C6, C7
T	0.00°	Table	Meet C5, C8; C7, C9